

## INSTALLATION GUIDELINES

The following installation instructions must be followed for warranty purposes and for optimal performance. InStone does not install panels or have control over the installation of the panels, therefore these Installation Instructions are to be used as guidelines. Quality Stone panels are for outside (exterior) use only unless panels are ordered as 'Interior' using our Class A fire-rated poly. It is the responsibility of the installer to ensure all products are installed in accordance with the Quality Stone Installation Instructions. InStone assumes no liability for improper installation or personal injury resulting from proper or improper use or installation.

### SAFETY FIRST

The operator of any power tools or other tools should be skilled and familiar with the correct use of each tool. Proper safety gear must always be worn.

### BUILDING CODE

Follow local Building Codes when installing Quality Stone. Quality Stone products are for exterior use only, unless ordered otherwise. It is the responsibility of the installer to ensure that applicable building codes are met or exceeded. Like other siding products, for Exterior use a weather barrier (Tyvek, Typar, tar paper, etc) must be put on top of the wood substrate, before applying Quality Stone.



### RECOMMENDED TOOLS:

Miter Saw and/or Table Saw  
Pencil  
Stagger Stencil  
Safety Glasses

Drill  
Level  
Drywall Saw  
Earplugs

Measuring Tape  
10 oz. Caulking Gun  
Utility Knife  
Dust Mask

### HANDLING AND STORAGE OF PRODUCTS:

Quality Stone products are highly impact resistant once they are installed but should be handled carefully to reduce damage prior to installation. The products should be laid flat and kept out of direct sunlight or they may be susceptible to warping. Exposed polyurethane will yellow in the sun. Ensure exposed areas are covered with the recommended Stone Finish to protect from UV. Different climates will also have a movement affect (expansion and contraction) in polyurethane products. Quality Stone has been designed to best adapt to this change, but it is always best to install when panels are cool– please ask representatives for the best stone fit for your application. Unless ordered in Class A poly for intended solely for interior use, the Product can only be installed on an exterior (outside) of a house/building.

### PRODUCT COLORING:

Please ensure that the production dates on all product being installed side-by-side are the same. This will help ensure consistent coloring. Most of the time product from different dates will match up, but the installer should check this before installing. There is the possibility for a panel to be slightly off-colored in a batch. Again, check all panels match before installing.

For more information, please visit our website or contact us:

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## 1. CHOOSE THE RIGHT PILLAR/POST COVER:

### Pillar Panels

Pillar Panels come three sizes designed to fit snugly on an 8", 11", and 24" posts. It takes (4) Pillar Panels to cover all four sides of a post. If your post is less than the recommended size, it is recommended that your build out (fir out using 2x4's, plywood, etc.) the pillar to be just less than, or equal to, 8", 11", or 24" on all sides. (ie. 7 ¾" for the 8" Pillars, 10 ¾" for the 11" Pillars, and 23 ¾" for the 24" Pillars or even less may be recommended to allow for lumber or framing imperfections.)

The Pillar Panels are 48" tall (coverage) and provide about 52" coverage with a Ledge Trim on top. Pillar Panels can also be stacked one on top of another to cover a full 96" post (or taller).

(If Pillar Panels are being stacked, the installer must ensure the proper rainscreen and/or water barrier is installed behind the panels as the pieces are not designed to lock together to keep water from getting in behind.)

### 8" and 11"

Pillar Panels have a 'finger-joint' fit on the sides, which again can be sealed to keep water out. There is only one design (mould) of panel for the 8" and 11" Pillar Panels, so the panel must be flipped the opposite direction on each alternating side. This will allow the pieces to fit together and will make each alternating side look different.

### 24"

Pillar Panels have a 'finger-joint' fit on the sides, which again can be sealed to keep water out. The 24" Pillar Panels have an 'A' and a 'B' panel with a lip at the top, so these pieces do not need to be flipped the opposite direction on each alternating side.

### Post Covers

Post Covers come in a single size designed to fit snugly on a 6" posts. It takes (2) Post Covers to cover all four sides of a post. If your post is less than the recommended size, it is recommended that your build out (fir out using 2x4's, plywood, etc.) the pillar to be just less than, or equal to, 6".

Post Covers are about 44" tall (coverage), perfect for most deck posts. They can be cut down for smaller posts, and can also be stacked one on top of another to cover taller posts.

## 2. CUT:

If the panels are too tall, they can be cut horizontally.

**Pillar Panels** - ensure that each of the four sides is cut the same (with two sides flipped to alternate), so the 'finger-joint' fits together perfectly.

**Post Covers** - ensure that both sides are cut the same (with two sides flipped to alternate), so the 'finger-joint' fits together perfectly.

## 3. FASTEN:

Both Pillar Panels and Post Covers can be installed using screws and/or adhesive.

**Screws** – If using screws, use 2 ½" – 3" deck screws diagonally into the side edge(s) of the panels or into the 'face'. A minimum of (6) screws per side. If the screws are visible, Quality Stone 'Stone Finish' caulking should be used to hide the screws.

**Adhesive** – if using adhesive,

**Adhesive** – If using adhesive, Quality Stone recommends using a heavy-duty construction adhesive like Titebond TiteGrab or Gorilla Glue. All surface areas must be clean, dry and free of oily and loose materials. Due to the smoothness of the back of Quality Stone products, the back should also be roughened to allow for better adhesion. If it is not rough enough, the adhesive may not hold.

Apply adhesive to the back perimeter of the product, and then fill in with a serpentine pattern.

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## 1. CHOOSE THE RIGHT PILLAR/POST COVER:

### APPLYING LEDGE TRIM CORNERS:

Ledge Trim Corners can be installed on the top of the Pillar Panels and Posts Covers to create a finished look.

The same Ledge Trim Corner can be used for each size, they just need to be cut to fit. There are lines marked on the Ledge Trim Corners for easy cutting.

Place at least (2) 3 ½" screws into either the side edges or into the face of the Ledge Trim Corners.

For any visible screws, Stone Finish caulking can then be used to cover those.

### APPLYING PILLAR CAPS:

All three Pillar Panel sizes and the Post Cover have a matching Pillar Cap to finish off the top.

Simply apply the recommended heavy-duty construction adhesive like Titebond TiteGrab or Gorilla Glue. All surface areas must be clean, dry and free of oily and loose materials. Due to the smoothness of the Caps, the back/bottom should also be roughened to allow for better adhesion. If it is not rough enough, the adhesive may not hold.

Apply adhesive to the back perimeter of the product, and then fill in with a serpentine pattern.

**EXPANSION AND CONTRACTION:** Polyurethane panels will have minimal expansion and contraction. However, it is recommended to install all Quality Stone products when they are cool (contracted state) and as tight as possible to minimize the visual appearance of expansion and contraction. Stone Finish and Quality Stone Paint Kits can be used to fill in any unwanted gaps for a seamless finish.

**MAINTENANCE:** Dirt and scum can be washed off the product surface with water and a non-scuffing cloth or sponge. Mild, non-abrasive household cleaners or soap can be used carefully with water clean stubborn materials or stains. If any finish is compromised, Stone Finish and Paint Kits can be used for all touch-ups and to re-finish.

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